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RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/086,105
Source: CIPE
Date Processed by STIC: 3/19/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



OIPE

RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/10/086,105

TIME: 15:11:08

Input Set : A:\SequenceListing.txt

Output Set: N:\CRF3\03192002\J086105.raw

3 <110> APPLICANT: Kevin J. Kayser
 4 John J. Kilbane, II
 6 <120> TITLE OF INVENTION: System and Method for Gene Expression in Thermus Strains
 8 <130> FILE REFERENCE: IGT-1444
 10 <140> CURRENT APPLICATION NUMBER: US/10/086,105
 12 <141> CURRENT FILING DATE: 2002-02-28
 14 <160> NUMBER OF SEQ ID NOS: 5
 16 <170> SOFTWARE: WordPerfect 9.0

ERRORED SEQUENCES

30 <210> SEQ ID NO: 2
 31 <211> LENGTH: 50 51 shown
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: 5' UTR added to five prime of transcript
 38 <400> SEQUENCE: 2
 E--> 39 gcattgcttat ctcgagactg gcagttcaat agagatattg tatgcctgca g
 41 <210> SEQ ID NO: 3
 42 <211> LENGTH: 7
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: RBS addition to expression vector
 E--> 49 <400> SEQUENCE: 3 ← insert
 C--> 50 aaaggga
 52 <210> SEQ ID NO: 4
 53 <211> LENGTH: 8
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Artificial Sequence
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: RBS addition to expression vector
 E--> 60 <400> SEQUENCE: 4 ← insert
 C--> 61 gaaggagg
 63 <210> SEQ ID NO: 5
 64 <211> LENGTH: 772
 65 <212> TYPE: DNA
 66 <213> ORGANISM: Artificial Sequence
 68 <220> FEATURE:
 69 <223> OTHER INFORMATION: Inducible promoter mdh
 E--> 71 <400> SEQUENCE: 5 ← insert

all bases
 must be in
 lower-case
 letters, when
 sequence
 listing is
 in new
 sequence
 ruler
 format
 (Please
 correct
 globally)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/086,105

DATE: 03/19/2002

TIME: 15:11:08

Input Set : A:\SequenceListing.txt

Output Set: N:\CRF3\03192002\J086105.raw

use lower case letters

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C--> 72 ggaggaggcc aagaagcttt tggaggggaa gcccgtctac atgtacccca cgtccattga 60
74 ggcgggccaag gccatcgtag ccatgggtgg aggtgcggcg tgatcctggt gaaccgcgag 120
76 acccgcgtec tggccaggc caccaccggc cgggaggggc agttccacac caagcagatg 180
78 ctggactacg qcaccaagat cgtgcgggg gtcaccccg gcaaaggggg aacggaggtc 240
80 ctaggggtcc cgtctacga cagggtgaag gaggcggtgg cgcaccacga ggtggacgcc 300
82 tccatcatct tcgtgccgc cccggccgc gggacgccg cctggaagc ggcccacgcc 360
84 gggatcccc tcacgtcct caccaccgag ggcacccca cctggacat ggtgcgggcg 420
86 gtggaggaga tcaaggccct ggaagccgc ctcacgggg ggaactgcc ggggacatc 480
88 agcgccgagg agaccaagat cgggatcatg cccggccacg tcttcaagcg gggccgggtg 540
90 gggatcatca gccgtcccg caccctcacc tacgaggccg cagccgccct tcccaggcg 600
92 gggctcgga ccaccaccac ggtggggatc gggggcgacc ccgtcatcg caccaccttc 660
94 aaggacctcc tccccctct caacgaggac cgggagacg aggcggtgt cctcatcggt 720
96 gagatcgcg gctccgacga ggaggaggcg gcggcttgg tgaaggacca ca 772

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/086,105

DATE: 03/19/2002

TIME: 15:11:09

Input Set : A:\SequenceListing.txt

Output Set: N:\CRF3\03192002\J086105.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:28 M:112 C: (48) String data converted to lower case,
L:39 M:112 C: (48) String data converted to lower case,
L:39 M:252 E: No. of Seq. differs, <211>LENGTH:Input:50 Found:51 SEQ:2
L:49 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:3 differs:2
L:50 M:112 C: (48) String data converted to lower case,
L:60 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:4 differs:2
L:61 M:112 C: (48) String data converted to lower case,
L:71 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:5 differs:2
L:72 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=5